

FORM PTO-1390 (Modified)
(REV. 11/2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES

RU-0124

DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR
09/869004INTERNATIONAL APPLICATION NO.
PCT/US99/30751INTERNATIONAL FILING DATE
23 December 1999PRIORITY DATE CLAIMED
23 December 1998

TITLE OF INVENTION

METHODS AND KITS FOR SCREENING NUCLEIC ACID DUPLEX STABILITY

APPLICANT(S) FOR DO/EO/US

BRESLAUER, Kenneth J. et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. A copy of the International Search Report (PCT/ISA/210).

Items 13 to 20 below concern document(s) or information included:

13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. (3)
15. A **FIRST** preliminary amendment.
16. A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. A substitute specification.
18. A change of power of attorney and/or address letter.
19. A computer-readable form of the sequence listing in accordance with PCT
20. A second copy of the published international application under 35 U.S.C
21. A second copy of the English language translation of the international ap
22. Certificate of Mailing by Express Mail
23. Other items or information:

"Express Mail" Label No. **EV 017478418 US**
Date of Deposit **January 24, 2002**

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

By *Kathleen A. Tyrrell*
Typed Name: **Kathleen A. Tyrrell**, Reg. No. 38,350

- 1) **Notification of Missing Requirements Under 35 U.S.C. 371;**
- 2) **Notification of a Defective Oath or Declaration;**
- 3) **Response to Notice to File Missing Parts and Petition for Extension of Time;**
- 4) **Return Postcard.**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.494) 09/869004	INTERNATIONAL APPLICATION NO. PCT/US99/06751	ATTORNEY'S DOCKET NUMBER RU-0124
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24. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1)-(5))

<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO	\$1040.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO	\$890.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO	\$740.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)	\$710.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)	\$100.00

CALCULATIONS PTO USE ONLY

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$0.00

Surcharge of **\$130.00** for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

\$130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	- 20 =	0	x \$18.00	\$0.00
Independent claims	- 3 =	0	x \$84.00	\$0.00
Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>	\$0.00

TOTAL OF ABOVE CALCULATIONS = **\$130.00**

Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2.

\$65.00

SUBTOTAL = **\$65.00**

Processing fee of **\$130.00** for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

\$0.00

TOTAL NATIONAL FEE = **\$65.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).

\$0.00

TOTAL FEES ENCLOSED = **\$65.00**

01/31/2002 UEDUVITE 00000100 501619 09869004	Amount to be: refunded	\$
01 FEB 254 65.00 CH	charged	\$

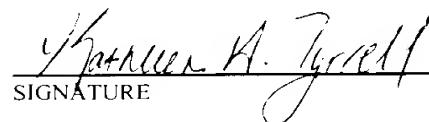
- A check in the amount of _____ to cover the above fees is enclosed.
- Please charge my Deposit Account No. **50-1619** in the amount of **\$65.00** to cover the above fees. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **50-1619** A duplicate copy of this sheet is enclosed.
- Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Jane Massey Licata, Registration No. 32,257
 Kathleen A. Tyrrell, Registration No. 38,350
 Licata & Tyrrell P.C.
 66 East Main Street
 Marlton, New Jersey 08053

Tel: 856-810-1515
 Fax: 856-810-1454


 SIGNATURE

Kathleen A. Tyrrell

NAME

38,350

REGISTRATION NUMBER

January 24, 2002

DATE

TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
RU-0149

In Re Application Of: **Breslauer et al.**

Serial No.	Filing Date	Examiner	Group Art Unit
09/869,004	23 December 1999	Not yet assigned	Not yet assigned

Title: **METHODS AND KITS FOR SCREENING NUCLEIC ACID DUPLEX STABILITY**

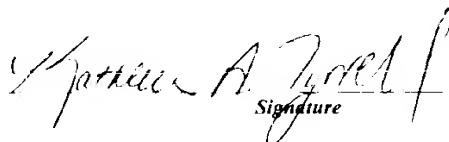
TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Transmittal Letter to the United States Designated/Elected Office with authorization to charge deposit account \$65.00; Executed Declaration and Power of Attorney Forms (3); Petition for Extension of Time with authorization to charge deposit account \$460.00; Copy of Notification of Missing Requirements; Recordation Form Cover Sheet s (3) with authorization to charge deposit account \$120.00; Executed Assignments of Kenneth J. Breslauer, Craig A. Gelfand and G. Eric Plum; and Return Postcard. (Total filing fees charged to deposit account: \$645.00).

in the above identified application.

No additional fee is required.
 A check in the amount of _____ is attached.
 The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **50-1619** as described below. A duplicate copy of this sheet is enclosed.
 Charge the amount of _____
 Credit any overpayment.
 Charge any additional fee required.



Kathleen A. Tyrrell
Signature

Dated: **January 24, 2002**

Kathleen A. Tyrrell, Registration No. 38,350

Licata & Tyrrell P.C.
66 East Main Street
Marlton, N.J. 08053
Tel: 856-810-1515
Fax: 856-810-1454

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

CC:

Typed or Printed Name of Person Mailing Correspondence

RU-0124

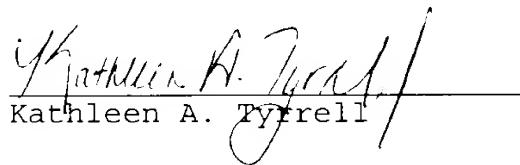
CERTIFICATE OF EXPRESS MAILING

"Express Mail" Label No. EV 017478418 US

Date of Deposit: January 24, 2002

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the "**BOX PCT**", Assistant Commissioner for Patents, Washington, D.C. 20231.

- 1) General Transmittal Letter(in duplicate);
- 2) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 with authorization to charge deposit account \$65.00 for filing fee;
- 3) Executed Declaration and Power of Attorney forms for Kenneth J. Breslauer, Craig A. Gelfand and G. Eric Plum;
- 4) Petition for Extension of Time requesting a three (3) month extension of time with authorization to charge deposit account \$460.00;
- 5) Copy of Notification of Missing Requirements;
- 6) Recordation Form Cover Sheets (3), with authorization to charge deposit account \$120.00 for filing assignments;
- 7) Executed Assignments of Kenneth J. Breslauer, Craig A. Gelfand and G. Eric Plum;
- 8) Return Postcard.


Kathleen A. Tyrrell